

EXHIBIT H

FP32 multiply.

FP32 outputs.

Progress (of 64) 0----- 1----- 2----- 3----- 4----- 5----- 6---

Done.

Total number of inputs checked= 4294967296(100000000)

Valid inputs don't produce NaN, Overflow (Inf), or Underflow (i.e. 0 when exact is not 0).

Number of Valid Inputs to Multiply 3369879404(c8dc476c)

error range [50.00%, 100.00%), valid inputs in range 0.08% (2810348), in or above range= 0.08%
error range [20.00%, 50.00%), valid inputs in range 0.15% (5154620), in or above range= 0.24%
error range [10.00%, 20.00%), valid inputs in range 0.18% (6075118), in or above range= 0.42%
error range [5.00%, 10.00%), valid inputs in range 0.19% (6443774), in or above range= 0.61%
error range [2.00%, 5.00%), valid inputs in range 0.27% (8982214), in or above range= 0.87%
error range [1.00%, 2.00%), valid inputs in range 0.21% (7005155), in or above range= 1.08%
error range [0.50%, 1.00%), valid inputs in range 0.21% (7123254), in or above range= 1.29%
error range [0.20%, 0.50%), valid inputs in range 0.28% (9566974), in or above range= 1.58%
error range [0.10%, 0.20%), valid inputs in range 0.22% (7319733), in or above range= 1.79%
error range [0.05%, 0.10%), valid inputs in range 0.22% (7392691), in or above range= 2.01%
error range [0.02%, 0.05%), valid inputs in range 0.29% (9875252), in or above range= 2.31%
error range [0.01%, 0.02%), valid inputs in range 0.22% (7555160), in or above range= 2.53%
error range [0.00%, 0.01%), valid inputs in range 97.47% (-1010392185), in or above range= 100.00%

Of all possible inputs (more than valid inputs)

Nan 0.78% (33488896 counts)

Inf 12.52% (537824654 counts)

Und 8.24% (353774342 counts)

Summary for spreadsheet. Inputs fp32. Output fp32.

1.08%

1.29%

1.58%

1.79%

2.01%

0.78%

12.52%

8.24%

ignore: nan